

CLAIMS

1. A method for controlling a video signal circuit including a preamplifier circuit for amplifying a video signal and adding a bias voltage to the same and an output circuit for amplifying power of the signal that is delivered from the preamplifier circuit, wherein

10 a level of the bias voltage that is applied by the preamplifier circuit is changed in accordance with contents of the video signal.

2. The method according to claim 1, wherein the level of the bias voltage is changed in accordance with the video signal that is either a video signal related to a still image or a video signal related to a moving image.

15 3. A video signal circuit comprising:

a preamplifier circuit for amplifying a supplied video signal and adding a bias voltage to the same;

an output circuit for amplifying power of the signal that is delivered from the preamplifier circuit; and

20 a variable bias circuit for changing a level of the bias voltage that is added in the preamplifier circuit.

4. The video signal circuit according to claim 3, wherein the output circuit amplifies power of the signal that is delivered from the preamplifier circuit and inverts the same.

25 5. The video signal circuit according to claim 3, wherein the preamplifier circuit has a variable gain that is changed within the maximum amplitude of the output signal in accordance with the change of the bias voltage by the variable bias circuit.

30 6. A display device for displaying images on a screen in

accordance with a video signal, comprising:

a preamplifier circuit for amplifying a supplied video signal and adding a bias voltage to the same;

an output circuit for amplifying power of the signal that
5 is delivered from the preamplifier circuit; and

a variable bias circuit for changing a level of the bias voltage that is added in the preamplifier circuit in accordance with an adjustment signal.

7. The display device according to claim 6, wherein the
10 variable bias circuit increases the bias voltage if the video signal relates to a still image and decreases the bias voltage if the video signal relates to a moving image.

8. The display device according to claim 6, further comprising a reception circuit for receiving a video type
15 signal for discriminating whether the video signal relates to a still image or to a moving image, wherein

the variable bias circuit uses the video type signal as the adjustment signal for changing the level of the bias voltage.

20 9. The display device according to claim 6, further comprising an operation portion for adjusting the level of the bias voltage, wherein

the variable bias circuit uses a signal from the operation portion as the adjustment signal for changing the
25 level of the bias voltage.

10. A computer system comprising a computer body and a display device for displaying images on a screen in accordance with a video signal generated in the computer body, comprising:

a video signal circuit including

30 a preamplifier circuit for amplifying the video

signal and adding a bias voltage to the same,

an output circuit for amplifying power of the signal that is delivered from the preamplifier circuit,

a reception circuit for receiving a video type signal
5 related to contents of the video signal, and

a variable bias circuit for changing a level of the bias voltage that is added in the preamplifier circuit in accordance with the video type signal;

a video detection portion for generating the video type
10 signal; and

a transmission portion for transmitting the generated video type signal to the reception circuit.

11. A computer that can display images on a screen of a display device in accordance with a generated video signal,
15 comprising:

a video detection portion for generating a video type signal for discriminating the video signal that is either a video signal related to a still image or a video signal related to a moving image; and

20 a transmission portion for transmitting the generated video type signal to the display device.

12. The computer according to claim 11, further comprising a table indicating a relationship between a file name of a program for generating a video signal and the video
25 type signal, wherein

the video detection portion refers to the table for generating the video type signal.

13. A computer program that is used for a computer that can display images on a screen of a display device in
30 accordance with a generated video signal, the program makes the

computer perform the steps of:

generating a video type signal for discriminating the video signal that is either a video signal related to a still image or a video signal related to a moving image; and

5 transmitting the generated video type signal to the display device.

14. A recording medium that can be read by a computer and stores the computer program according to claim 13.